11. Seema

Program Name: Seema.java   **Input File: seema.dat**

Seema got bored riding around in her parent's car last year, so she began counting all of the out-of-state license plates on the cars she saw. (Seema lives in Texas.) After each trip she came home and simply typed the name of each state license plate she had seen on that trip. If she saw a state more than once, she typed the name of the state as many times as she saw the plate. Now it is time to tally up the out of state license plates and print a list. Your job is to write a program that will do that for Seema.

Input: An unknown number of state names, one for each out of state license plate that Seema saw. The names will all be listed on a single line each separated by a comma.

Output: The name of each state license plate that Seema saw followed by a space and then the number of times Seema saw the plate each on a separate line. The states and counts should be listed from most frequent to least. If Seema saw a license plate the same number of times, list those states in alphabetical order.

Sample input: *(Note: All the state names will be on one line in the data file.)*

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Oklahoma,Nevada,Oklahoma,Oklahoma,Ohio,North Dakota,Missouri,Arizona,Idaho,
Arkansas,California,Arizona,California,Ohio,Washington,California
```

Sample output:

```
California 3
Oklahoma 3
Arizona 2
Ohio 2
Arkansas 1
Idaho 1
Missouri 1
Nevada 1
North Dakota 1
Washington 1
```